

**Amendments to the Abstract**

Please amend the abstract as follows:

A method, apparatus, system and data structure is disclosed for mapping of spatial data to linear indexing for efficient computational storage, retrieval, integration, transmission, visual display, analysis, fusion, and modeling. These inventions are based on plane space being decomposed into uniform discrete closely packed (hexagonal) cell areas (85). Each resolution of closely packed cells can be further divided into incongruent~~congruent~~ but denser clusters of closely packed cells. The spatial indexing (86) is applied in such a manner as to build a relationship with the spatially close cells of any resolution.